

South Carolina Governor's School for Science and Mathematics

401 Railroad Avenue
Hartsville, SC 29550

Grades	11-12	
Enrollment	128 students	
President	Dr. Murray W. Brockman	843-383-3900
Board Chair	Dr. Raymond S. Greenberg	843-792-2211

The State of South Carolina

Annual School
Report Card

2005

ABSOLUTE RATING:

EXCELLENT

IMPROVEMENT RATING:

EXCELLENT

ADEQUATE YEARLY PROGRESS:

YES

This school made adequate yearly progress.

Definition: As required by the United States Department of Education, adequate yearly progress specified that the statewide target is met for all students and for each subgroup of students: racial/ethnic, economic, disability, limited English proficiency and migrant status.

SOUTH CAROLINA PERFORMANCE GOAL

By 2010, South Carolina's student achievement will be ranked in the top half of the states nationally. To achieve this goal, we must become one of the fastest improving systems in the country.

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PERFORMANCE TRENDS OVER 4-YEAR PERIOD

	Absolute Rating	Improvement Rating	Adequate Yearly Progress
2002	Excellent	Excellent	N/A
2003	Excellent	Excellent	N/A
2004	Excellent	Excellent	Yes
2005	Excellent	Excellent	Yes

PERFORMANCE CRITERIA

PERFORMANCE CRITERIA	Data
Advanced placement (AP) Pass Rate	87.9%
Graduates' College Freshman GPA (In-state Colleges)	3.76
SAT Average (High Verbal/High Math)	1397

AP TEST SCORE DISTRIBUTION

Score	5	4	3	2	1	Total
# of students (%)	58(21%)	101(36%)	88(31%)	30(11%)	4(1%)	281(100%)

COLLEGE FRESHMAN GPA

GPA	3.5-4.0	3.3-3.5	3.1-3.3	2.9-3.1	<2.9	Total
# of students (%)	22(73%)	2(7%)	1(3%)	1(3%)	4(13%)	30(100%)

SAT SCORES

	Middle 50%		Range	
SAT Verbal	650	720	510	780
SAT Math	660	780	570	800

A Special Note on Performance

Every student at Governor's School completes a research course requirement that is a distinctive learning and maturing experience. Senior research begins with at least six full weeks of research in the summer following the junior year. Most of the students conduct their research at university or industrial research facilities under the mentorship of professional scientists or engineers. Students work with their research mentors and Governor's School advisors during the senior year to compile and analyze their research findings, prepare formal research papers, and present their work at a school-sponsored colloquium and at the SC Junior Academy of Science annual meeting.

DEFINITIONS OF SCHOOL RATING TERMS

- Excellent - School performance substantially exceeds the standards for progress toward the 2010 SC Performance Goal
- Good - School performance exceeds the standards for progress toward the 2010 SC Performance Goal
- Average - School performance meets the standards for progress toward the 2010 SC Performance Goal
- Below Average - School is in jeopardy of not meeting the standards for progress toward the 2010 SC Performance Goal
- Unsatisfactory - School performance fails to meet the standards for progress toward the 2010 SC Performance Goal

SCHOOL PROFILE

	Our School	Change from Last Year
Students (n=127)		
Retention rate	0	Same
Attendance rate	99.1%	Same
With disabilities other than speech	0	Same
Older than usual for grade	0	Same
Out-of-school suspensions or expulsions for violent &/ or criminal offenses	N/A	Same
Annual dropout rate	N/A	Same
Students in residence	128	Up from 127
National Achievement Semifinalists/Finalists	50%/50%	Up from 38%/38%
Seniors Completing Science Research Project	100%	Same
Community Service-hr./student	83	Same
Graduating attending college	100%	Same
Seniors eligible for LIFE Scholarship	100%	Same
Total scholarship offered	\$9,712,921	Up from \$7,517,548
Number of seniors	62	Up from 58
National Merit Semifinalists/Finalists	16%/16%	Down from 20%/20%
Teachers (n=14)		
Teachers with advanced degrees	100%	Same
Percent of classes taught by highly qualified teachers	N/A	N/C
Teachers with emergency or provisional certificates	N/A	N/C
Teachers returning from previous year	93%	Same
Teacher attendance rate	98.1%	Down from 98.4%
Average salary	\$55,649	Up from \$52,835
Professional development days per teacher	6	Same
Teachers with Doctorates	79%	Same
Years teaching experience-middle 50%	13 to 31	Chg from 14 to 30
School		
President's years at the school	4	Up from 3
Student-teacher ratio in core subjects	10 to 1	Same
Prime instructional time	97.2%	Down from 97.3%
Dollars spent per pupil	\$12,958 ^a	Up from \$11,920
Percent of expenditures for teacher salaries	60.8%	N/A ^b
Opportunities in the arts	N/A	Same
Parents attending conferences	38.5%	Down from 49.2%
SACS accreditation	N/A	N/A
University/Industrial Partners in Research Mentor Program	16	Up from 14
Mentors in Research Program	70	Up from 62
Student clubs and organizations	39	Up from 34
Students active in clubs/organizations	99%	Down from 100%
Varsity sports teams	9	Same
Students participating in varsity sports	82%	Up from 73%
Students returning to home high school	3.9%	Down from 6.2%
Outreach to other schools:		
Middle school students in Saturday Academies	685	Down from 461
Students in Summer Science Program (SSP)	259	Down from 245
University Partners in SSP	9	Down from 11
6 week summer research positions for other HS	13	Down from 17

^a Costs for academic program including summer research, but not residential life.
^b N/A due to change in method of computation beginning with the 2004-2005 year to make this item consistent with dollars per student cost item. See footnote a.

REPORT OF PRESIDENT

From its founding in 1988 by a visionary Act of the General Assembly on the initiative of Governor Carroll Campbell, GSSM has served as a portal through which talented students from throughout South Carolina have embarked on a lifetime of exploration, discovery and growth. The mission of this unique school emphasizes developing the scientifically astute and ethically aware leaders needed for our expanding knowledge-based economy. This year, we concentrated on preparing to complete our new campus while continuing to celebrate the accomplishments of our students and faculty.

GSSM's curriculum is second to none in the state in its scope, depth and challenge, not only in science and math, but also in the humanities. Our students continue to perform at the highest levels in both our Residential and Outreach programs, with minor annual variations, reflecting the individual talents of these remarkable young people. The significant achievements of the students in residence in Hartsville (1397 average SAT, highest in the state; \$9.7 million in scholarship offers to 62 seniors; the average student completed more than four Advanced Placement tests, with an 88% pass rate) are crowned by their completion of a mentored individual research project at one of South Carolina's research universities or industrial laboratories.

Appropriate emphasis on extracurricular activities for all students (82% participated in varsity sports) continues to build strong school spirit. The soccer, volleyball, cross-country, tennis and swim teams advanced to the state playoffs, and the math team finished fourth in the nation.

Students serve their community and school by working 83 hours each year, supplementing instruction on ethics and character development. Perhaps best of all, students report great satisfaction from forming "friendships for life".

GSSM's Outreach is charged with sharing exemplary programs statewide to improve science achievement. Team GEAR UP provided standards-based science instruction for disadvantaged middle schoolers across the state, and our Summer Science Program encouraged 9th and 10th graders to explore "real" science, math and computer science.

The move to our new campus provides a highly visible affirmation of South Carolina's commitment to excellence in education. When funds permit, we will complete the campus and enter a new phase of growth, doubling our enrollment and revamping our curriculum in advanced technology.

Murray W. Brockman, President

EVALUATIONS BY STUDENTS, TEACHERS, AND PARENTS

	Students*	Teachers	Parents*
Number of surveys returned	59	15	42
Percent satisfied with learning environment	96.6%	100.0%	95.1%
Percent satisfied with social and physical environment	96.6%	100.0%	92.7%
Percent satisfied with home-school relations	88.1%	100.0%	89.5%

* 11th grade students and parents were surveyed.